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(74) Agent: **WHITE, Andrew, G.**; c/o Philips Intellectual
Property & Standards, Cross Oak Lane, Redhill Surrey
RH1 5HA (GB).

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(71) Applicant (for all designated States except US): **KONIN-
KLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

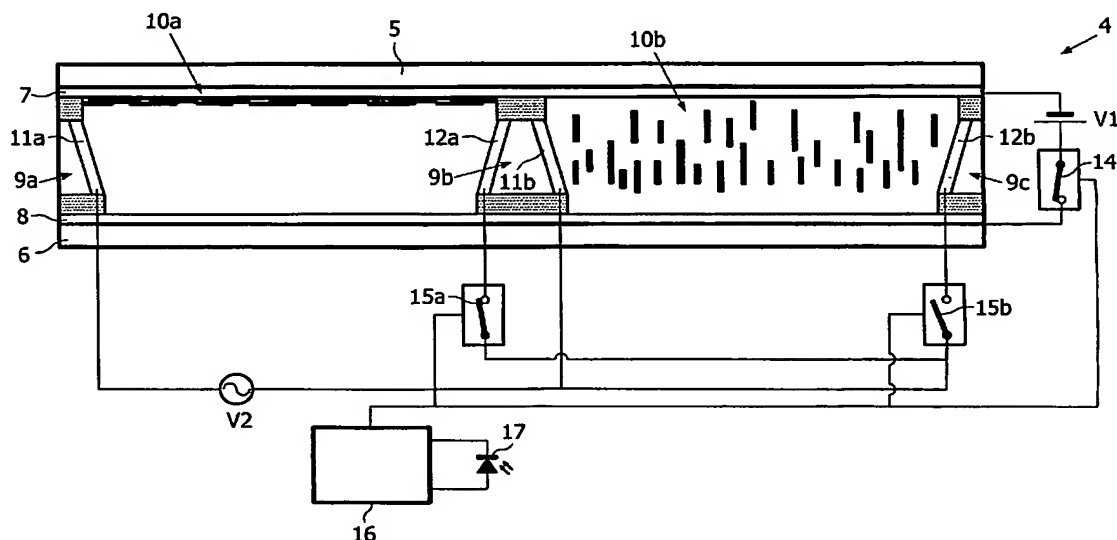
(75) Inventors/Applicants (for US only): **VERHAEGH,**
Nynke, A., M. [NL/NL]; c/o Philips Intellectual Property
& Standards (GB). **DE BOER, Dirk, K., G.** [NL/NL]; c/o
Philips Intellectual Property & Standards (GB). **JOHN-
SON, Mark, T.** [GB/NL]; c/o Philips Intellectual Property
& Standards (GB). **VAN DER HEIJDEN, Bas** [NL/NL];
c/o Philips Intellectual Property & Standards (GB).

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(54) Title: DISPLAY DEVICE WITH SUSPENDED ANISOMETRIC PARTICLES



(57) Abstract: A suspended particle device (SPD) 4 comprises at least one compartment for housing a particle suspension 10a, 10b, means for applying a first electric field to the particle suspension 10a, 10b and means for applying a second electric field to the particle suspension 10a, 10b, the first and second electric fields having different field directions. A plurality of pixels are defined by a plurality of compartments, each housing a separate particle suspension 10a, 10b and/or regions of a particle suspension 10 within a compartment in which means for applying an inhomogeneous second electric field are provided (Figure 11). Each pixel may be tuned to a transmissive state, a reflective state or an intermediate state or "grey value", so that the SPD 4 may be used to display imaging or text. The SPD 4 may be reset by bringing the pixels into the same state by applying an appropriate electric field to one or more pixels.

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